

LISTING OF CLAIMS

The listing of claims will replace all prior versions, and listings, of all claims as pending in the application.

Claim 1 (Currently Amended): A circuit breaker comprising:

a main circuit formed by a power source-side terminal member, a fixed contact connected to said power source-side terminal member, a moving contact disposed in opposed relation to said fixed contact, a moving contact support member having said moving contact held ~~on~~at one end thereof, a coil operatively connected to said moving contact, and a load-side terminal member connected to said coil;

an opening/closing mechanism including a fixed frame, and a toggle link mechanism ~~for operating~~supported by said fixed frame to rotate said moving contact support member so as to bring said moving contact held at one end of said moving contact support member into and out of contact with said fixed contact, when an excess current flows through said coil, ~~and a fixed frame provided on a yoke of said coil to serve as a support base; and~~

~~a trip lever of a disengaging device~~ arranged in interlocked relation to the opening/closing mechanism, including a yoke of said coil, support plates extending from the yoke of said coil, and a trip lever mounted on the yoke of ~~the~~said coil ~~in the disengaging device, via said support plates, and being separated from said fixed frame of the opening/closing mechanism.~~

Claim 2 (Currently Amended): A circuit breaker according to claim 1, wherein said fixed frame, serving as a support base for said toggle link mechanism,

and said yoke are held by a case, and are disposed at different positions in said case, respectively, such that an impact force, generated when said moving contact is in contact with said fixed contact by said toggle link mechanism, is transmitted through ~~the~~said case to prevent occurrence of a mistrip.

Claim 3 (Currently Amended): A circuit breaker according to claim 2, in ~~which~~wherein said fixed frame is ~~supported at a~~single plate having an interconnecting portion secured to said case, and two bent portions extending from the interconnecting portion that are latched onto a sidewall of thereof on said case.

Claim 4 (Newly Added) A circuit breaker according to claim 3, wherein the yoke of said coil has a base portion held in a groove formed in the sidewall of said case.

Claim 5 (Newly Added) A circuit breaker according to claim 3, wherein one of said support plates is extended from the yoke of said coil to serve as a stopper for limiting pivotal movements of the trip lever, as the trip lever pivots about a shaft held by said support plates.

Claim 6 (Newly Added) A circuit breaker comprising:
a housing;
a main circuit formed inside the housing, by a power source-side terminal member, a fixed contact connected to said power source-side terminal member, a moving contact disposed in opposed relation to said fixed contact, a moving contact

support member having said moving contact held at one end thereof, a coil operatively connected to said moving contact, and a load-side terminal member connected to said coil;

an opening/closing mechanism including a fixed frame secured to the housing, and a toggle link mechanism supported by said fixed frame to rotate said moving contact support member so as to bring said moving contact held at one end of said moving contact support member into and out of contact with said fixed contact, when an excess current flows through said coil; and

a disengaging device arranged in interlocked relation to the opening/closing mechanism, including a yoke of said coil secured to the housing; support plates extending from the yoke of said coil; a trip lever mounted on the yoke of said coil, via said support plates, and separated from said fixed frame of the opening/closing mechanism; and a movable core supported on the yoke to rotate, when the excess current flows through said coil, and enable the trip lever to rotate about a shaft held by said support plates so as to interrupt the contact between said moving contact and said fixed contact by said toggle link mechanism.

Claim 7 (Newly Added): A circuit breaker according to claim 6, wherein said fixed frame, serving as a support base for said toggle link mechanism, and said yoke are secured in the housing, and are disposed adjacently at different positions in the housing, respectively, such that an impact force, generated when said moving contact is in contact with said fixed contact by said toggle link mechanism, is transmitted through the housing to prevent occurrence of a mistrip.

Claim 8 (Newly Added): A circuit breaker according to claim 6, wherein said fixed frame is a single plate having an interconnecting portion secured to the housing, and two bent portions extending from the interconnecting portion that are latched onto a sidewall of the housing.

Claim 9 (Newly Added) A circuit breaker according to claim 6, wherein the yoke of said coil has a base portion held in a groove formed in the sidewall of the housing.

Claim 10 (Newly Added) A circuit breaker according to claim 3, wherein one of said support plates is extended from the yoke of said coil to serve as a stopper for limiting pivotal movements of the trip lever, as the trip lever pivots about the shaft held by said support plates.